

ABSTRACT OF THE DISCLOSURE

A light emitting device with a simple and easy structure without waste is provided, in which a change of luminance of an OLED is suppressed and a desired color display can be stably performed even if an organic light emitting layer is somewhat deteriorated or an environmental temperature is varied. A driving current of the OLED of a pixel portion is measured, and a value of the voltage supplied to the pixel portion from a variable power supply is corrected such that the measured driving current has a reference value. When the driving current of the OLED is measured, a monitor video signal of a different system from that of a video signal for displaying an image is used to display a monitor image on the pixel portion. With the above-described structure, a reduction of the luminance accompanied with the deterioration of the organic light emitting layer can be suppressed. As a result, a clear image can be displayed.

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